

## Addendum to Live Oak Elementary School: Energy Efficiency Measures Summary

ECM #	Type	Measure Description	kW Reduction	kWh Reduction	Total \$ Saved	CO2 Offset
1	EEM (lighting)	Retrofit Interior Linear Fluorescent Recessed Troffer Lighting with LED Retrofit and Integral Controls	1.6	3,440	\$ 905	0.7
5	EEM (lighting)	Replace Select Exterior Lighting with LED Fixtures	0.0	257	\$ 48	0.0
TOTAL			1.6	3,697	\$ 953	0.7

**Notes:**

1. CO2 Reductions are in metric tons, using California EGRID 2018 annual output emission rate of 0.000191429 me
2. kWh, Therm, \$, and CO2 Reductions are shown here as annual totals

**Addendum to Live Oak Elementary School: Retrofit Interior Linear Fluorescent Recessed Troffer Lighting with LED Retrofit and Integral Controls**

#	Building: Room/Area	Fixture Type	Lighting (Pre)	Fixture Code (PRE)	OCS (Y/N)	Lighting (Post)	Pre-Watts	# Fixt	Lamps per Fixture	Post-Watts	Post #	Pre-Hours	Pre-kW	Pre-kWh	Post-Hrs	Post-kW	Post kWh	kW Saved	kWh Saved	\$ Saved	CO2e Offset (mt/yr)
1	Portable Bldg: P23	2'x4' Rec. Troffer	F32T84L	F44ILL	N	LED 34-Watt 2'x4' Retrofit w/ Ctrls	112	10	4	34	10	1,950	1.1	2,184	1,365	0.3	464	0.8	1,720	\$ 452	0.33
2	Portable Bldg: P24	2'x4' Rec. Troffer	F32T84L	F44ILL	N	LED 34-Watt 2'x4' Retrofit w/ Ctrls	112	10	4	34	10	1,950	1.1	2,184	1,365	0.3	464	0.8	1,720	\$ 452	0.33
<b>ANNUAL TOTAL</b>								<b>20</b>			<b>20</b>		<b>2.2</b>	<b>4,368</b>		<b>0.7</b>	<b>928</b>	<b>1.6</b>	<b>3,440</b>	<b>\$ 905</b>	<b>0.66</b>

**Notes:**

1. Pre-Hours Estimate from Audit and information provided by Facility Staff.
2. No incentives or rebates are currently available for this measure.
3. Electric savings based on 12-month blended historical electric cost.
4. Cost based on TURNKEY ESTIMATE - installed.

**Addendum to Live Oak Elementary School: Replace Select Exterior Lighting with LED Fixtures**

#	Area Served	Fixture Type	Lighting (Pre)	Fixture Code (PRE)	Lighting (Post)	Pre-Watts	# Fixt	Lamps per Fixture	Post-Watts	Post #	Pre-Hours	Pre-kW	Pre-kWh	Post-Hrs	Post-kW	Post kWh	kW Saved	kWh Saved	\$ Saved	CO2e Offset (mt/yr)
1	Portable	Porch Light	CFT 13W 2L	CFT13/2	LED 10-Watt Wallpack w/ Photocell	31	2	2	10	2	5,475	0.1	339	4,100	0.0	82	0.0	257	\$ 48	0.05
<b>ANNUAL TOTAL</b>							2			2		0.1	339		0.0	82	0.0	257	\$ 48	0.05

**Notes:**

1. Pre-Hours Estimate from Audit and information provided by Facility Staff.
2. No incentives or rebates are currently available for this measure.
3. Electric savings based on 12-month blended historical electric cost.
4. Cost based on TURNKEY ESTIMATE - installed.